

**SYSTEM AND METHOD FOR TESTING A MEMORY WITH AN
EXPANSION CARD USING DMA**

Abstract

5 A computer system that includes a processor, a memory controller
coupled to the processor, a memory coupled to the memory controller, a first
input/output (I/O) controller coupled to the memory controller, a first expansion
slot coupled to the first I/O controller, and a test module card coupled to the first
10 expansion slot wherein the test module card is configured to cause tests to be
performed on the memory using direct memory access (DMA) is provided.